

CLAIMS:

- 5 What is claimed is:
1. A single cell fuel sensor comprising:
a housing including a fuel inlet chamber, a fuel mixing chamber and a fuel outlet chamber;
- 10 said fuel inlet chamber including an inlet orifice leading into said mixing chamber at a given level;
- said fuel outlet chamber including an outlet orifice leading out of said mixing chamber at a second level, spaced from said given level; and
- an electrode fitted into said mixing chamber, said electrode being electrically isolated
- 15 from said housing.
2. The single cell fuel sensor of Claim 1 wherein said electrical isolation is accomplished by a glass seal between said housing and said electrode.
- 20 3. The single cell fuel sensor of Claim 1 said housing is provided with extending ears provided with mounting apertures.
4. The single cell sensor of Claim 1 wherein said electrode is cup-shaped.
- 25 5. The single cell sensor of Claim 1 wherein said inlet and said outlet orifices are provided with rounded corners.